AUS920010284 (JSL)

L. E. Ullmann, et al

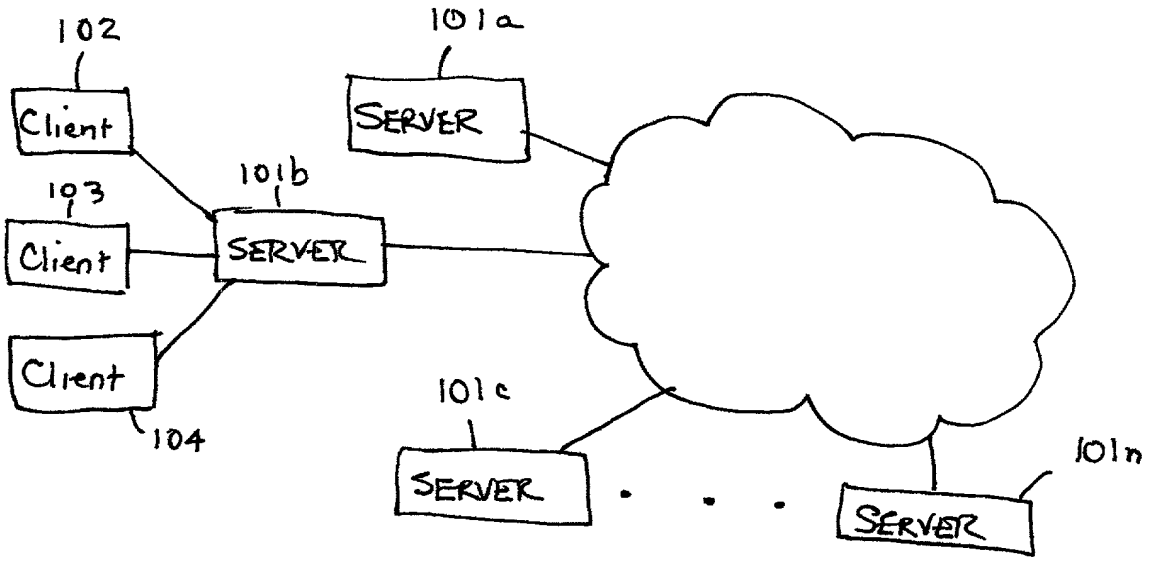

FIG. 1

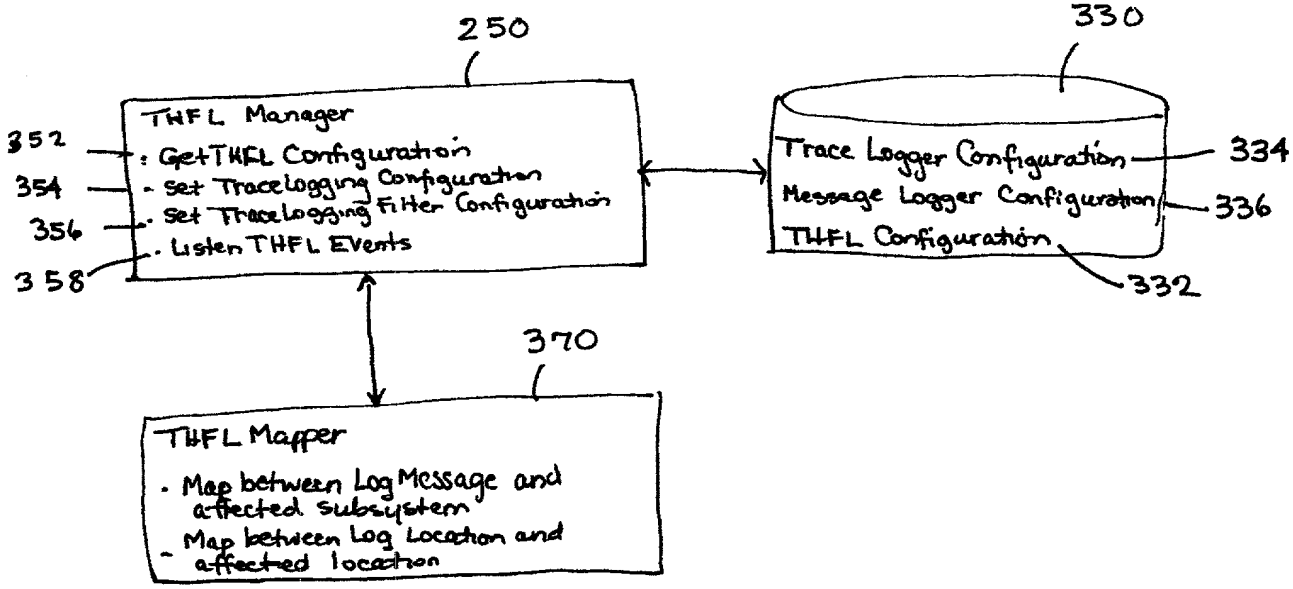

FIG. 3

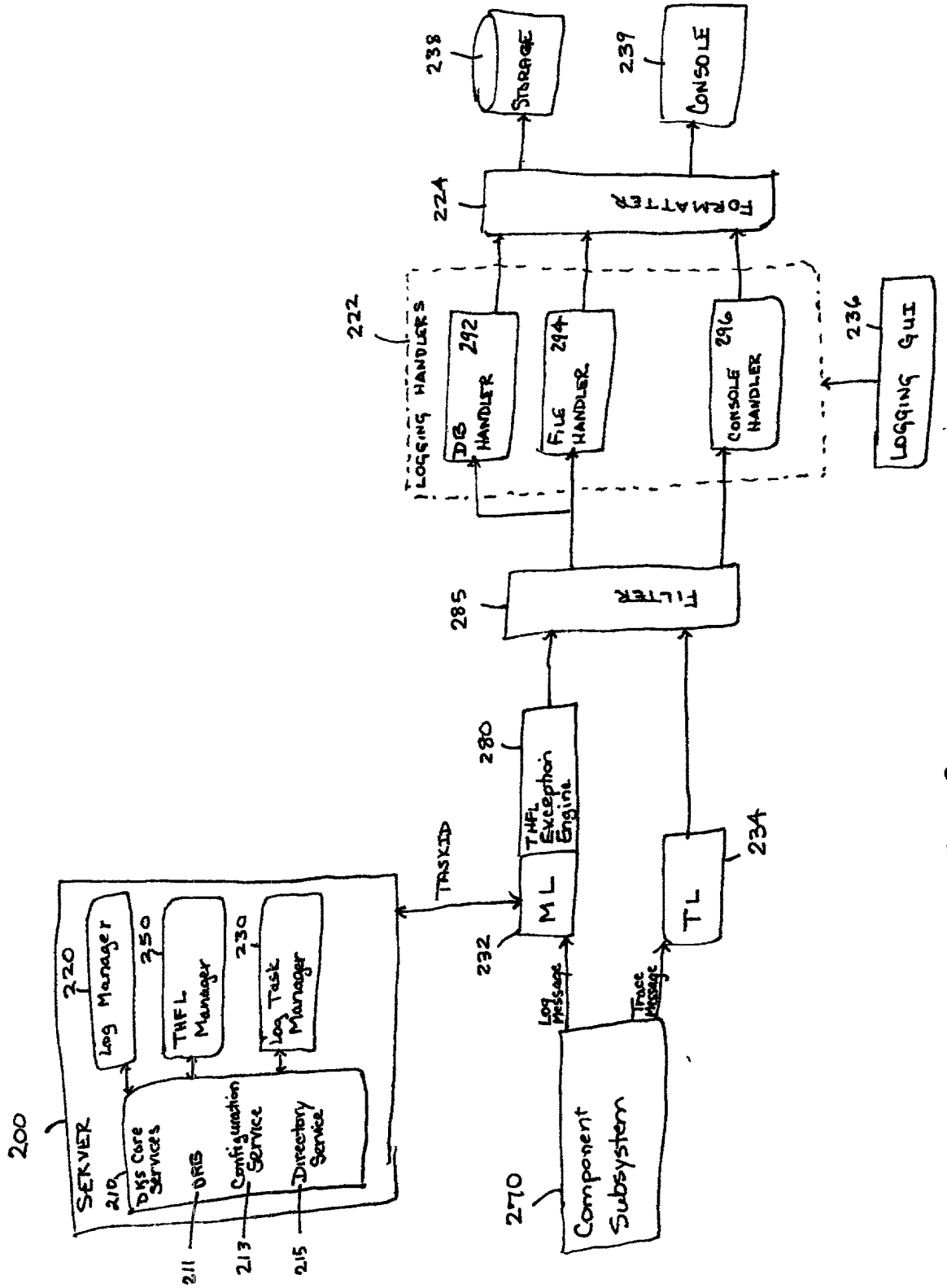
200
SERVER
210
DRS Core Services
DRS
211
Configuration Service
213
Directory Service
215
220
Log Manager
250
TMFL Manager
230
Log Task Manager
TASKID
232
ML
280
TMFL Exception Engine
285
FILTER
TL
234
Log Message
Trace Message
270
Component Subsystem
222
LOGGING HANDLERS
DB HANDLER
292
FILE HANDLER
294
CONSOLE HANDLER
296
224
FORMATTER
238
STORAGE
239
CONSOLE
236
LOGGING GUI

FIG. 2

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✓Transient High Frequency Logging Configuration GUI

When to Enable Transient High Frequency Logging:

✓Ø Run Periodic Detection

- Daily time of day = ____
- Monthly day of month = ____
- Continuous Polling interval every ___ minutes

✓Ø Enable immediately as response to ALL Error Message (very expensive from a performance standpoint)

✓Ø Select Subsystem(s) which error events turn on temporary tracing

Subsystem DropDown: Directory
IP Driver
ORB
Etc.

Duration of Transient High Frequency Logging:

✓Ø (default) 1 hour after error message

✓Ø Indefinite until Administrator turns off tracing

FIG. 4

View Subsystems Performing Transient High Frequency Trace Logging

Current List
Drop down List of Subsystems
Directory
IP Driver
ServiceManager
ORB
List in Last _____ hours
Drop down List of Subsystems

List in Last _____ days
Drop down List of Subsystems

FIG. 5A

Details Views ForEachSubsystem

View ErrorMessage that Inititiated Increase Logging frequency:

2001.05.16 07:17:41.139 FNGDR3012E The Messaging Service for the directory running on the local ORB was unable to subscribe to event messages. No directory events can be processed by the ORB.

High Freqency Logging Interval 2001.05.16 07:17:41.139 - 2001.05.16 07:17:41.139

View MessageLog Button
ViewTraceLog Button
ViewCombinedTimeBoundLog Button

FIG. 5B

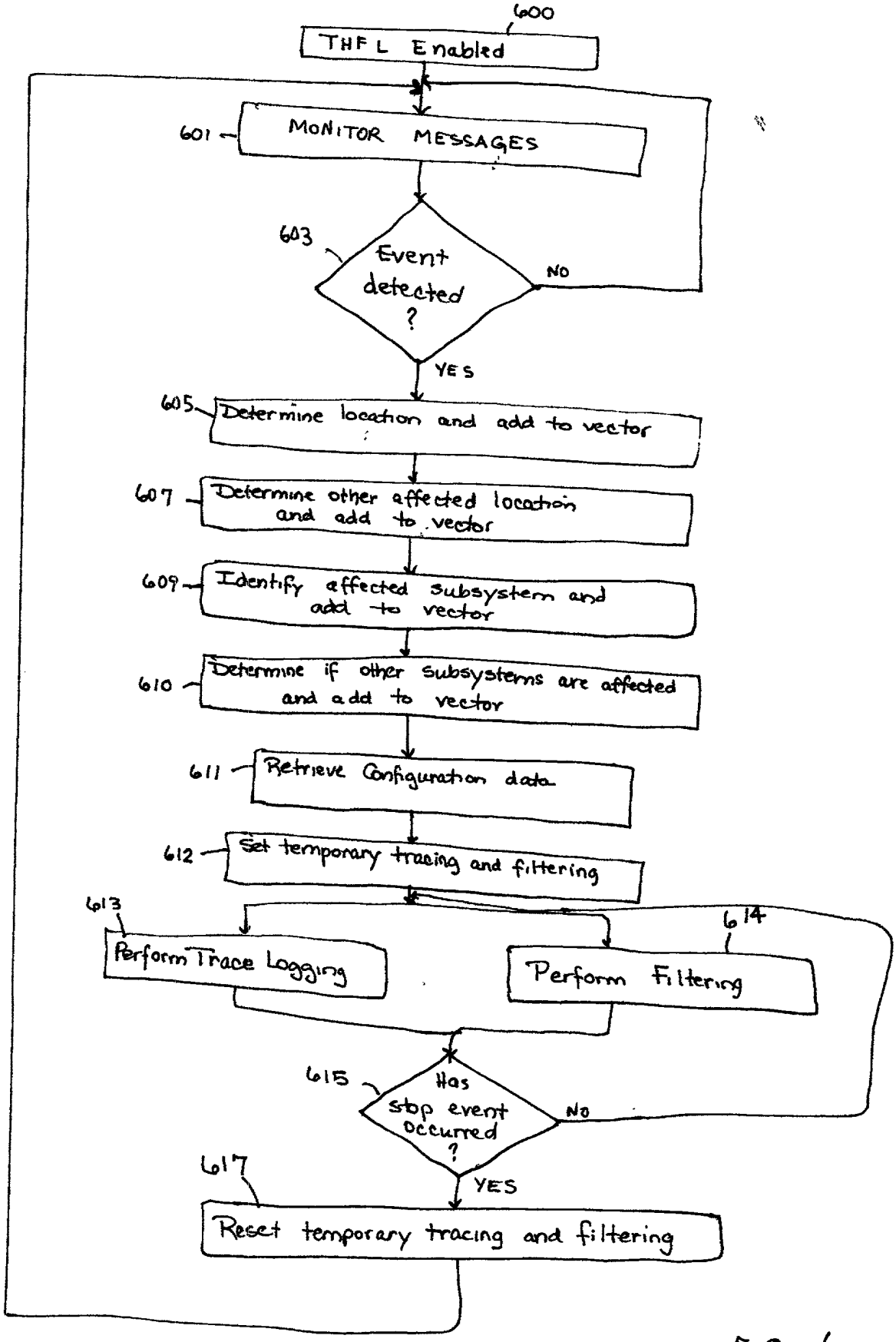

FIG. 6

Docket No. AUS920010284

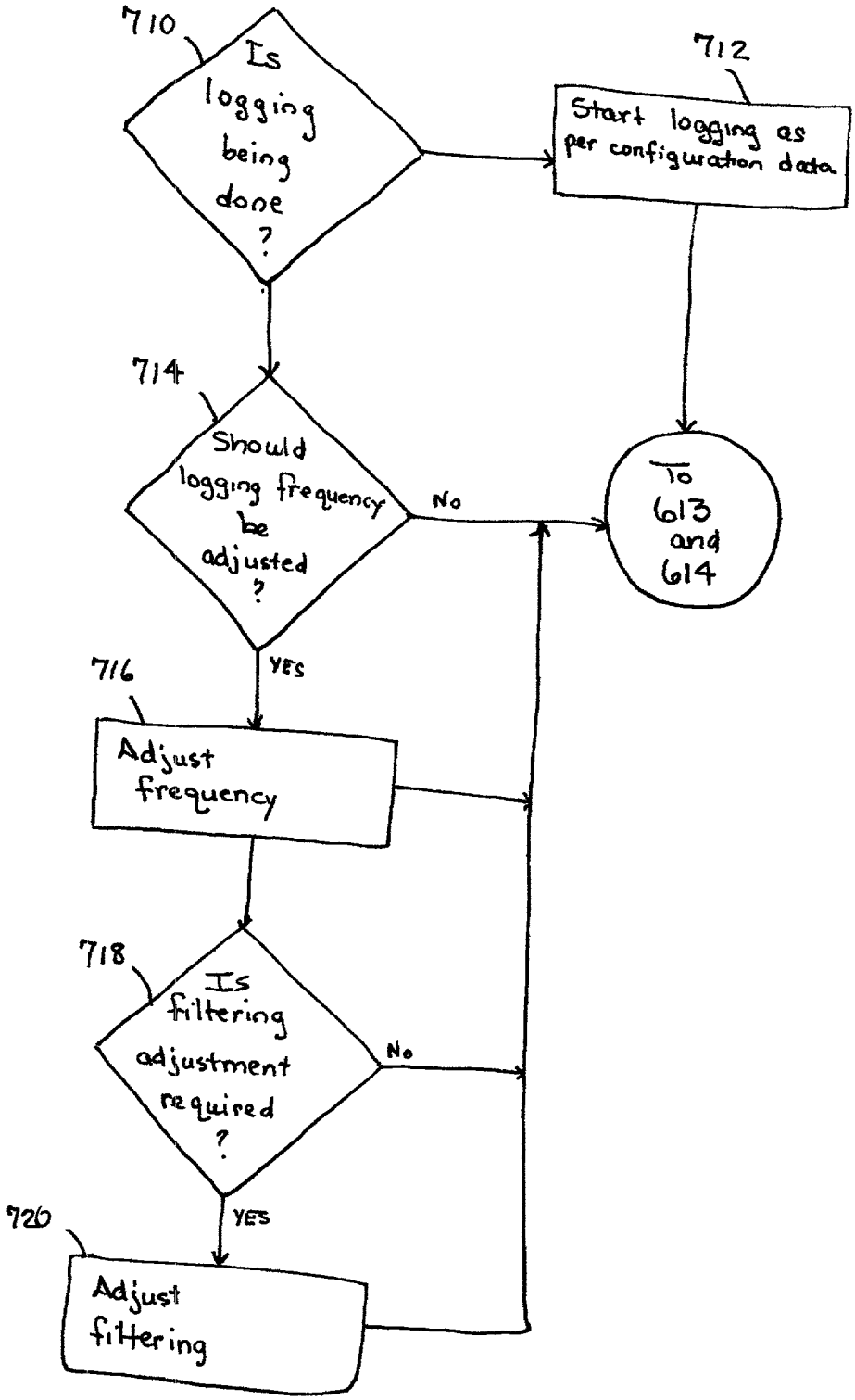
710
Is logging being done ?
712
Start logging as per configuration data
714
Should logging frequency be adjusted ?
No
To 613 and 614
YES
716
Adjust frequency
718
Is filtering adjustment required ?
No
YES
720
Adjust filtering

FIG. 7

AUS920010284 (JSL)

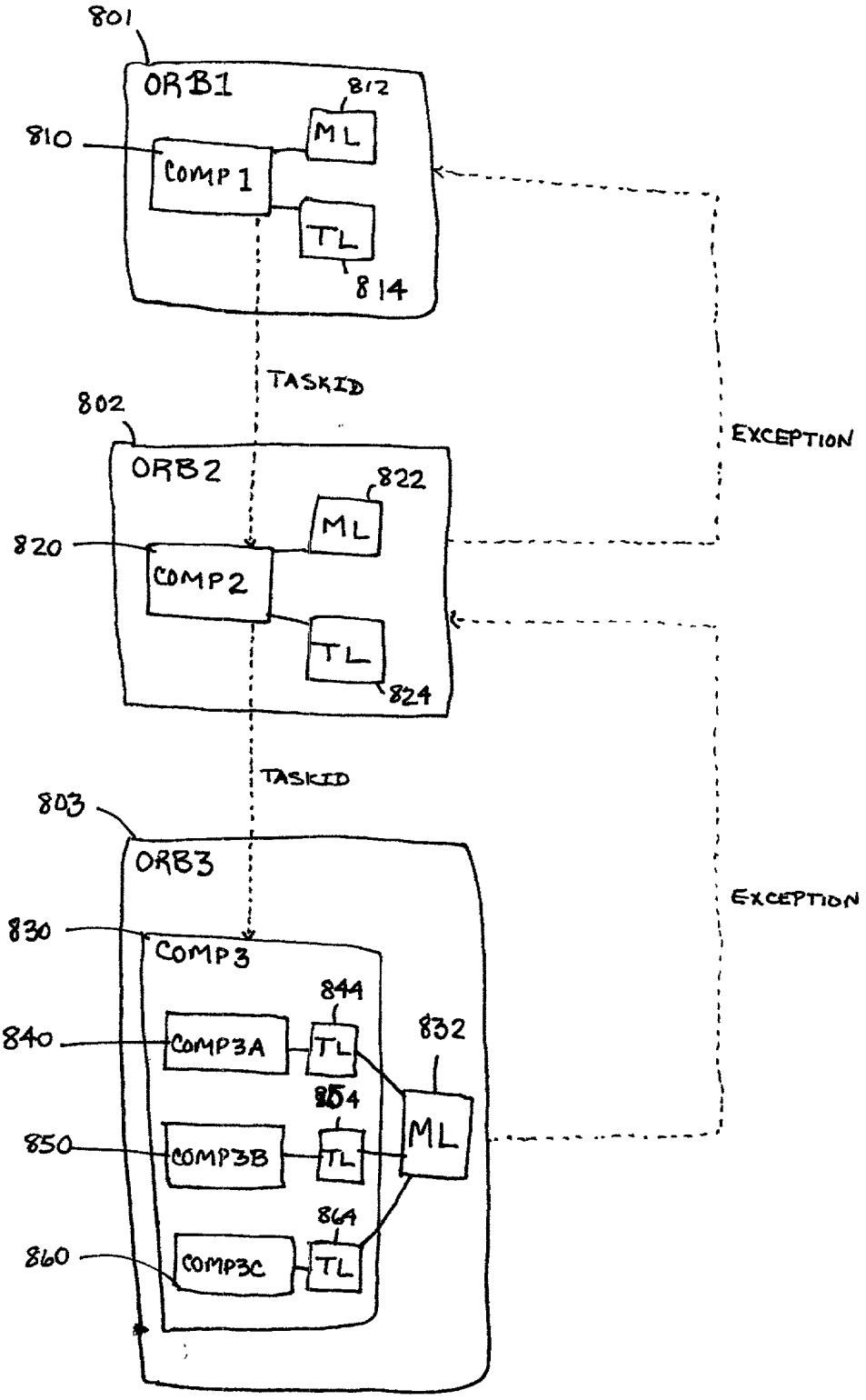

FIG. 8